

SITE NUMBER: ED-115R-07
LOCAL NAME: Cascara Flats No. 1
WRIA:

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: E. F. Dickey **DATE:** 3/24/92 **OBSERVER:** Young

CHANNEL TYPE: Terrace tributary

TRIBUTARY TO: Thunder Creek (20.0115)

SITE LOCATION: R.B. @ River Mile: 3.85 (field) or 3.1 (WDF catalog)

LEGAL DESCRIPTION: SE1/4 S2 T29N R14W

	UPPER END	LOWER END	THUNDER CREEK
<u>WATER TEMP:</u>	N/A	N/A	11.5°

FLOW (CFS): (undetermined on this date)

SUBSTRATE TYPE: Some cobble at the mouth. Remainder is silt and mud.

SITE SIZE: **Length-** About 150 m of defined channel.
 Width- Water surface = (undetermined)
 Channel = 1 to 1.5 m
 Depth- Avg = 5 to 10 cm (estimated)

WATER SOURCE: Small seeps and run off from the large, flat along the right bank of Thunder Creek.

DIRECTIONS TO SITE: Go north from Forks on Hwy 101 for 3.1 mi. Turn left (west) about 0.1 mi. beyond MP 195 onto the D-2000. Proceed west on the D-2000 about 4.7 miles until coming to the E. F. Dickey Bridge. Cross the bridge and continue north on the D-2000 another 4.2 miles (going past major junctions with the D-2400 and D-2600). Veer right off of the D-2000 onto the D-2900 (a.k.a. D-5270). Follow the D-2900 (down the hill and into a large, re-planted flat) about 0.7 miles until coming to a wooden stringer bridge that crosses Thunder Creek. Park near the bridge and walk upstream along the right bank of Thunder Creek about 350 m to the mouth of ED-115R-07.

FISH ACCESS AND CURRENT USE: Relatively steep egress and shallow water appears to greatly restrict habitat use by juvenile coho.

FLOODING POTENTIAL: Low.

LANDOWNER: Unknown at this time (probably ITT Rayonier).

COMMENTS & RECOMMENDATIONS: ED-115R-07 appears to be a relatively minor channel that provides drainage for the large clearcut flat on the right bank of Thunder Creek (also see ED-115R-06 and ED-115R-08). While the channel was not actually surveyed on this date, its mouth could be seen from the left bank of the creek (due to water depth in the creek, the mouth of ED-115R-07 could not be reached without back-tracking). Most data in this writeup was obtained during a follow up survey (see below). Considering the vast amount of good mainstem rearing habitat along this reach of Thunder Creek there seems little incentive for juvenile coho to utilize the limited off channel rearing habitat available in ED-115R-07.

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: E. F. Dickey

Channel No.: ED-115R-07

Site Name: Cascara Flats No. 1

WRIA:

DATE: 9/16/92

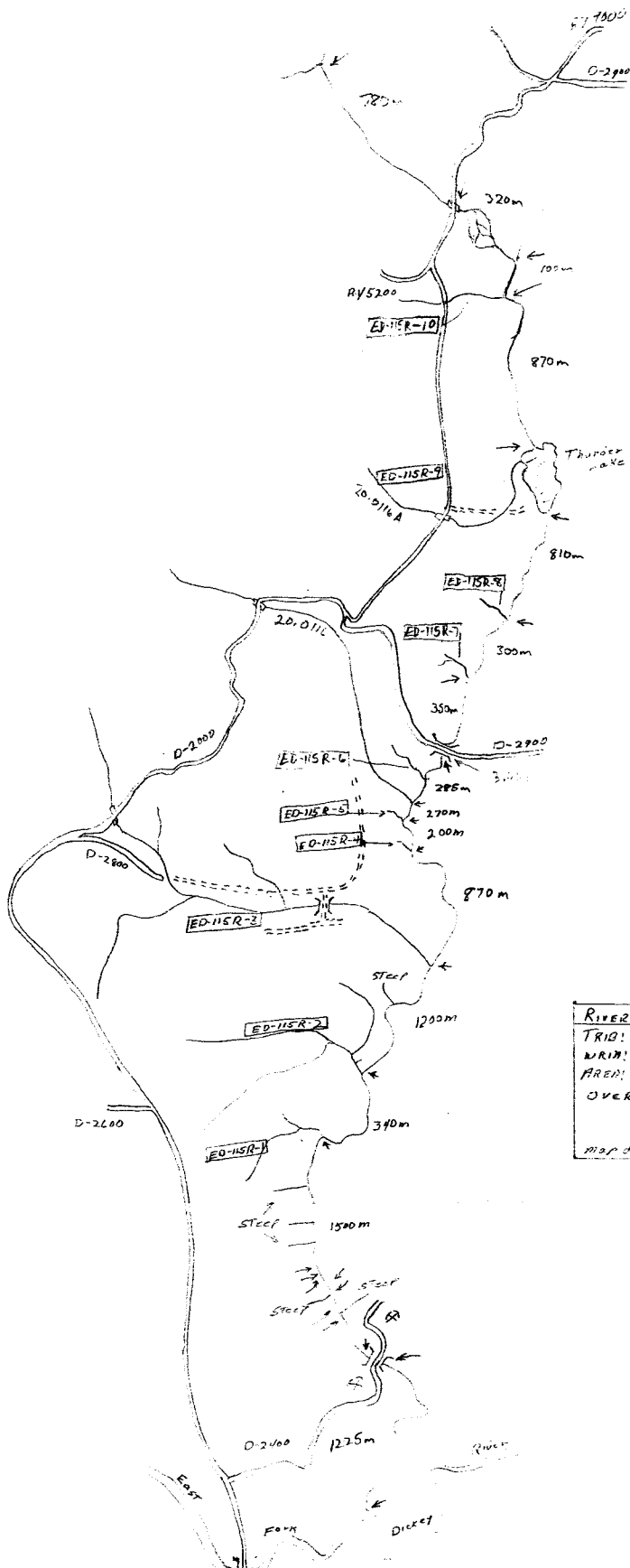
OBSERVER: Young

Conducted a more thorough survey of ED-115R-07 and found it very similar in nature to ED-115R-06 and ED-115R-08.

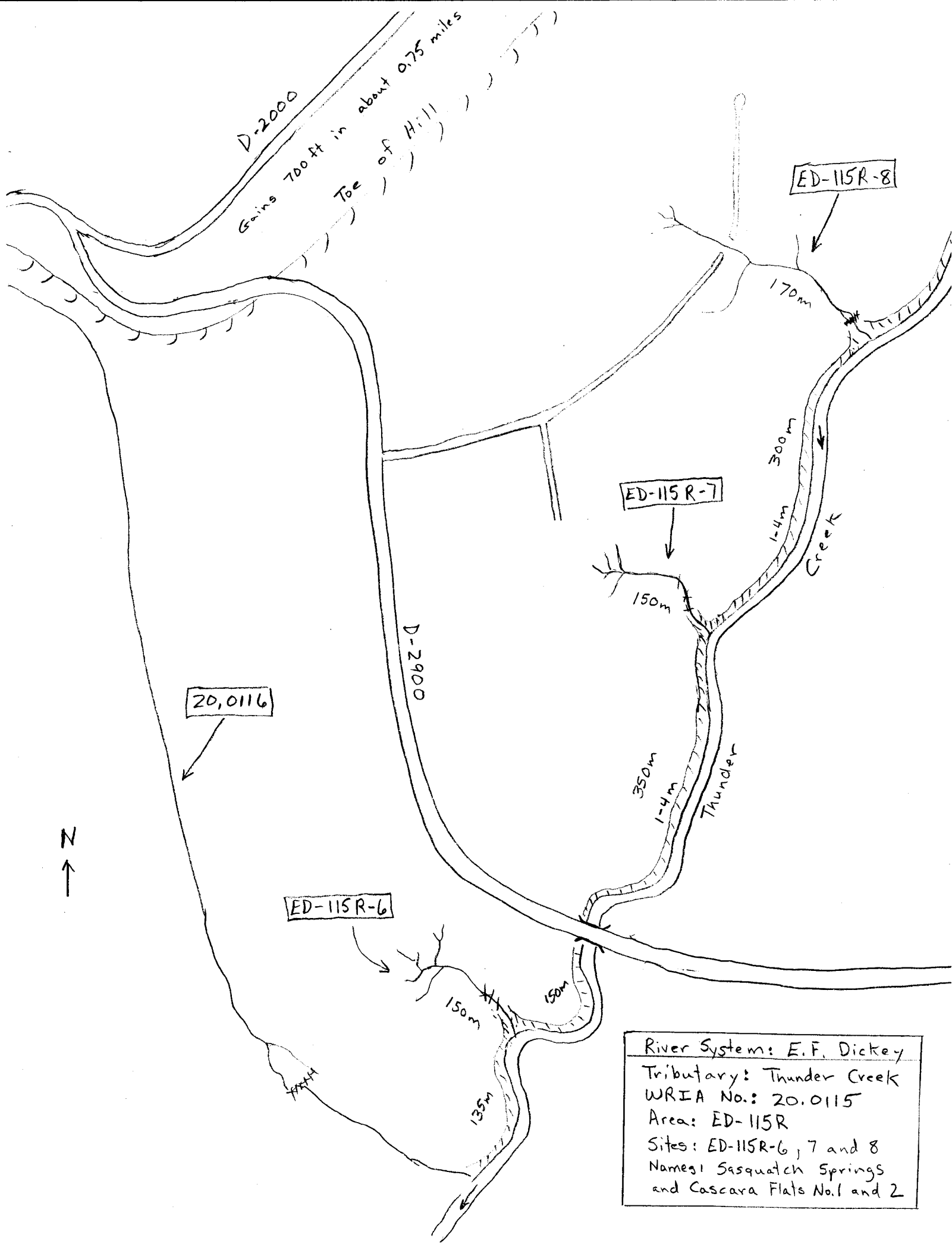
Despite a drier than normal summer, a trickle of water was seen flowing throughout the channel. The lower reach is relatively steep as ED-115R-07 cuts a deep notch through the 3 to 4 m high vertical bank of Thunder Creek. Some cobble is seen just up from the mouth but the remainder of the substrate is silt and mud.

Since no hip chain was available on this date, and since the length of the channel had not yet been determined, the channel length was estimated by pacing. Using this method it was determined that at 180 paces (about 150 m) above its mouth the channel of ED-115R-07 becomes poorly defined. Several very shallow channels fan out in-to the large flat. This flat, previously clearcut, now contains 10 to 12 year old spruce and hemlock (and lots of brush).

Much of the data reported in the survey write-up of 3/24/92 (see above) was collected during this follow up survey.



RIVER: E.F. DILKEY
TRIB: THUNDER CR
WDM: 20.0115
AREA: ED-115R
OVERVIEW A3 AP
Map date: 2/92



River System: E.F. Dickey
Tributary: Thunder Creek
WRIA No.: 20.0115
Area: ED-115R
Sites: ED-115R-6, 7 and 8
Names: Sasquatch Springs
and Cascara Flats No. 1 and 2

